



Public Access Roadway Improvements **Environmental Management Program**

Background / Purpose: During storm events the unpaved roadways rut, pond and become difficult to traverse. In addition fugitive dust during the dry season requires constant application of water to roadway surfaces to mitigate dust impacts and meet regulatory permit conditions. The purpose of this EMP is to develop Best Management Practices (BMPs) to mitigate the impact from storm events and also reduce the amount of water applied to the roads during the dry season. This will be accomplished by applying asphalt grindings to the public access roadways and operating areas as required throughout the course of the year.

Objective: Mitigate fugitive dust and stormwater impacts on public access roadways and operating areas.

Related Significant Aspects: Stormwater runoff, fugitive dust.

Target: Apply asphalt grindings to Last Chance recycling area. Apply asphalt grinding to public access roadways, as needed, throughout the year.

Target Completion Date(s): July 1, 2008.

Action Plan: Dirt crew to apply asphalt grindings on an as needed basis.

Responsible Person(s): Dirt Crew Supervisor, Dirt crew, Senior Engineer Landfill Operations

Resources Required: Asphalt, Crew coordination

Environmental Performance Indicator(s): Reduced dust generation, reduced water applications to control dust, no rutting or ponding on roadway, no permit violations regarding dust or ponding on roads.

Comments (including other expected benefits or cost savings): In addition to helping maintain our operating permit this EMP will also aid in reducing the risk of vehicle accidents during storm events due to improved roadway surface areas.

Baseline Data: Observed historical seasonal impacts.

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Reviewed by: Rory Clay, Senior Engineer Landfill Operations
Lorn Davies, Disposal Site Supervisor

Approved by: Kip Sturdevan, Deputy Environmental Services Director, WRAD

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Environmental Management Program

EMP Schedule					
Step	Action Items	Responsibilities	Role	Schedule	Resources Required
1	Grade smooth and apply asphalt grindings to Last Chance Recycling area	L. Davies	Lead	Aug 24 – Aug 26 Complete	Asphalt, crew
2	Notify Dirt Crew of new roadway requirements, maintain asphalt stockpiles.	R. Clay	Lead	Monthly	Roadway design layout, asphalt
3	Inspect roads daily for ruts, low spots, and degradation of surface area and reapply asphalt as needed to maintain the integrity of the road surface	L. Davies R. Clay	Lead Support	Weekly	Asphalt, crew

Comments (report performance/milestones):

All main unimproved access roads have had asphalt grindings applied in anticipation of the upcoming rainy season.